GE
Lighting Solutions

Industrial Lighting

Omniglow™ 1000 (OG6)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- For over 30 ft. (9 meter) applications in assembly lines, inspection areas, production bays, storage areas warehouses and commercial areas

Housing

- Symmetrical heavy duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

- UL 1598 Listed Suitable for Damp Locations
- cUL Listed to Canadian standards and codes

Mounting

- Single casting integral hook/loop and mounting plate is available
- Threaded slide-in mounting adapter for easy mounting

Reflectors

- Acrylic reflector

Unique Features

- Choice of open/ventilated or enclosed/filtered opticals
- Clear tempered doorglass lens on enclosed units
- Unique optical sliding disconnect
- 55° C ambient standard
- Borosilicate prismatic glass reflector with bright zinc-plated, corrosion-resistant steel frame
- In-line EZ Connect™ plug-in adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- Adjustable mogul base socket - E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical - Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Omniglow™ 1000 (OG6)

OG6 ___ - _ - __ - _ - _ - _ - __ - __ - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
OG6 = Omniglow 1000 Luminaire	**G** = Gray **W** = White	**40** = 400 **75** = 750 **01** = 1000	**E** = Energy Act Compliant Pulse MH (EPMH) **M** = MH **S** = HPS **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = System 3 Bilevel Autoreg **G** = CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag **M** = Mag-Reg	**V4** = Open and Ventilated 14 in. Reflector **E4** = Enclosed and Filtered 14 in. Reflector **V8** = Open and Ventilated 18 in. Reflector **E8** = Enclosed and Filtered 18 in. Reflector **Note:** Do not use open optical with lamps specified for use with enclosed fixtures only.	**XX** = Select Code from Photometric Selection Table	**11** = Pendant mounting **12** = Pendant mounting for 1000w HPS Multivolt (Not available with EZ Connect 9-pin plug) **13** = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. **14** = Provision for Slide-on Primary Electrical Disconnect. Order PED Box (Pendant and Thru Feed Capability) Separately **15** = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug ***(Order locking receptacle hook box separately.)*** **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **PLUG-N-GO** **51** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook **71** = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook **53** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop **72** = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop **Note:** ACS = Flex 3+ Plug-N-Go = FSC Series	**A** = 65°C maximum ambient **B** = Time Delay Automatically Switched Quartz **F** = Fusing ***(Not available with multivolt)*** **G** = Secondary Wiring Access 7/8 in. dia. knockout **K** = Encapsulated Ballast **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non-Switched Quartz. **S** = Exclusionary mogul base socket for MH open fixtures **T** = E40 / European Mogul Base Socket

Ballast Selection Table

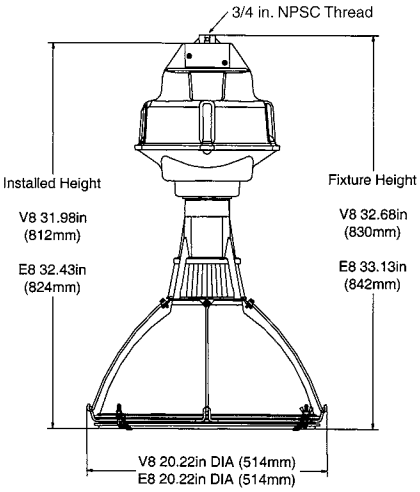
		Ballast Type / Voltage								
		60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
400	HPS	**A**	**A,D,G,M**	**A,D,G**	**A,G**	**A,H**	**A,H,M**	**A,H,M**	**A,H,M**	**M**
750	HPS	N/A	**A,D***	**A,D***	N/A	N/A	N/A	N/A	N/A	N/A
1000	HPS**	**A**	**A**	**A**	N/A	A	N/A	N/A	N/A	N/A
400	MH	**A**	**A,D**	**A,D**	**A**	**A**	**A**	**A**	**A**	N/A
1000	MH	**A**	**A***,D**	**A,D**	N/A	N/A	N/A	N/A	N/A	N/A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
400	EPMH	**A**	**A**	**A**	N/A	N/A	N/A	N/A	N/A	N/A
750	EPMH	N/A	**A**	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
* Automatic Switch Quartz Option not available with Bilevel
**1000 watt HPS Multivolt not available with EZ Connect 9-pin plug.
Order only with special mounting code 12.
***120, 208 and 240 volt available as Multivolt only

CANADIAN NOTES:
1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 1000 Watt Metal Halide and HPS available 120, 277 or 347 volt Autoreg only.
3. 208, 240, and 480 volts require CWI ballast. Use "G" when available.
Contact factory for all others.
4. Multivolt not available.

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

Product Dimensions



DIMENSIONS

- When optical assembly contains a quartz socket (switched or non-switched), an additional 1.125 inches (29mm) must be added to the overall height due to double stack disconnect.
- 750 and 1000 watt with "A", 65C Ambient Option, add 2.50 inches to overall height.

Photometric Selection Table

V4 OPTICAL - Open and Ventilated 14 in. Reflector
MH, requires "S" Option EX39 base socket

Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
350,400	EPMH	1.2	7	177978	V4	ES
350,400	EPMH	1.7	3	177974	V4	EO
350,400	EPMH (Coated)	1.6	3	178003	V4	EO
200,250,400	HPS	1.1	K	177970	V4	EK
200,250,400	HPS	1.5	J	177969	V4	EJ
200,250,400	HPS	2.0	G	177967	V4	EG

E4 OPTICAL - Enclosed 14 in. Reflector

Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
350,400	EPMH	1.2	7	177905	E4	ES
350,400	EPMH	1.4	5	177903	E4	EQ
350,400	EPMH	1.6	4	177902	E4	EP
200,250,400	HPS	1.0	K	177948	E4	EK
200,250,400	HPS	1.7	H	177946	E4	EH

V8 OPTICAL - Open and Ventilated 18 in. Reflector
MH, requires "S" Option EX39 base socket

Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
350,400	EPMH	1.0	J	178757	V8	EJ
350,400	EPMH	1.5	G	178755	V8	EG
350,400	EPMH	1.7	F	178754	V8	EF
350,400	EPMH (Coated)	1.7	C	178772	V8	EC
750	P	0.7	K	451979	V8	EK
750	P	1.2	H	451981	V8	EH
750	P	1.4	G	451982	V8	EG
750	P	1.8	E	451983	V8	EE
1000	MH,P	0.8	9	178705	V8	EU
200,250,400	HPS	1.3	A	178727	V8	EA
750	HPS	0.7	K	178746	V8	EK
750	HPS	1.5	C	178745	V8	EC

V8 OPTICAL - Open and Ventilated 18 in. Reflector
(Lamp extends below reflector) MH, requires "S" Option EX39 base socket

Light Wattage	Spacing Source	Socket Criteria	Photometric Position	Photometric Curve	Optical Code	Photometry Code
1000	MH	1.1	7	178707	V8	ES
1000	MH	1.3	6	178708	V8	ER
1000	MH	1.6	4	178710	V8	EP
1000	HPS	0.8	D	178819	V8	ED
1000	HPS	1.3	B	178818	V8	EB

V8 OPTICAL - Open and Ventilated 18 in. Reflector
(Reduced envelope MH1000/U BT37) MH, requires "S" Option EX39 base socket

Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
1000	MH	1.1	G	178720	V8	EG
1000	MH	1.3	F	178719	V8	EF
1000	MH	1.6	E	178718	V8	EF
350,400	EPMH	1.6	F	178764	E8	EF
350,400	EPMH (Coated)	1.0	H	178779	E8	EH
350,400	EPMH (Coated)	1.2	F	178780	E8	EF
350,400	EPMH (Coated)	1.5	D	178777	E8	ED
750	P	0.8	K	451984	E8	EK
750	P	1.3	G	451986	E8	EG
750	P	1.6	F	451987	E8	EF
750	P	1.8	E	451988	E8	EE
1000	MH,P	0.9	9	178786	E8	EU
200,250,400	HPS	1.1	B	178743	E8	EB
200,250,400	HPS	1.4	A	178742	E8	EA
750	HPS	1.1	C	178747	E8	EC

E8 OPTICAL - Enclosed 18 in. Reflector (Reduced envelope MH1000/U BT37)

Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
1000	MH	1.0	G	178789	E8	EG
1000	MH	1.5	E	178790	E8	EE
1000	MH	1.7	D	178791	E8	ED
1000	PMH	1.6	F	178764	E8	EF
1000	PMH (Coated)	1.0	H	178779	E8	EH

DATA

- Approximate Net Weight Ballast and Optical: 37-66 lbs (17-30 kgs)

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